

PROJECT TITLE : CIGARETTE DEVELOPMENT
TECHNICAL REPORT
WRITTEN BY : R. TOIMIL
PERIOD COVERED : November 28th - December 19th 1980

I T A L Y

307 QUEEN

In order to reach the objectives several prototypes have been produced with different tobacco weights. The prototype B8 with the following analytical results has been chosen :

Cigarette

Total weight (mg/cig.)	1037
Tobacco weight (mg/cig.)	772
DPM (mg/cig.)	10.6
SN (mg/cig.)	0.68
CO (mg/cig.)	14
NO (mg/cig.)	0.23
Puff count	10
Dilution (%) (PMH's results)	19

Tobacco

TA (%)	1.17
RS (%)	8.1
NO ₃ N (%)	0.23
NH ₃ N (%)	0.10

This prototype has been recommended by the expert panel and accepted by Marketing.

301 HILTON 100'S

The analytical evaluation of the first prototype HILTON 100 gives the following figures :

DPM (mg/cig.)	9.8
SN (mg/cig.)	0.73
Puff count	9.2

These cigarettes have been smoked with a butt length of 39 mm. Two additional prototypes have been ordered from PMG Munich (G. Völkl). They will be produced with the FU-POV 100 K plug wrap instead of the FU-POV 40 K and with two different tipping papers (standard Z4/100 and 6 M. 0.15 . 4.5).

376 FANGIO

The specifications for the production of different prototypes have been sent to Intertaba (for the filters) and to PM Holland (for the cigarettes). The filters have been made and will be sent to PMH. The first results will be available at the beginning of February 1981.

P A N E U R O P E

380 GAMMA 100'S

The first two prototypes have been taste evaluated. Prototype 1P has been chosen, but a correction concerning the tobacco weight has to be made. Several cigarettes with different weights will be taste evaluated on the 23rd of December 1980.

389 EXIT I

Different tipping papers having a substance of 40 g/m² have been tested, but without any improvement of the dilution.



R. Toimil